COMPUTER SCIENCE & ELECTRICAL ENGINEERING



STUDENTS

2,608

2,057 Undergraduate
382 Master's
169 Doctoral

DEGREES AWARDED

826

408 Bachelor's
322 Master's
19 Ph.D.s

Most Undergraduate Degrees at UMBC

FACULTY

126

67 Full-time Faculty
41 Tenured/Tenure-Track

17 NSF CAREER Award Recipients

ACADEMIC PROGRAMS

2 BS 1 MPS
5 MS 3 Ph.D.
2 Graduate Certificates

NEW MS IN AI

RESEARCH AWARDS AND CENTERS

$246K DoD Grant (2026)
Ergun Simsek
Establishing a new TDTR lab for ultrafast photodetector research

NSF CAREER Award (2026)
Roberto Yus
Semantic abstractions that make IoT data usable without deep sensor or AI expertise

$296K NIH Grant (2026)
Mehdi Kiani
Implantable sensing and AI for monitoring and treating gastric disorders

$462K NSF CER Grant (2026)
Rebecca Williams
Advancing AI skills through curricula and industry partnerships

$3.8M DARPA Grant (2025)
Frank Ferraro and Tejas Gokhale
Assessing scientific claims in materials, AI and quantum computing

$1M NSF SFS Grant (2025)
Alan Sherman and Roberto Yus
Scholarship for Service (SFS) support for five new cybersecurity scholars

- **Center for Artificial Intelligence**
- **Center for Accelerated Real-Time Analytics**
- **Cybersecurity Institute**
- **Center for Navigation, Timing and Frequency Research**
- **Center for Research in Emergent Manufacturing**
- **BRAIN Center**

FACULTY RECOGNITION

Anupam Joshi	2025 AAAS Fellow, UMBC Chief AI Officer, and Oros Family Professorship
Curtis Menyuk	SPIE Fellow and USM Excellence Award in Scholarship and Research
Timothy Finin	2026 Washington Academy of Sciences Award
Tim Oates	Wilson H. Elkins Academic Transformation Professorship
Tülay Adali	Willard and Lillian Hackerman Chair in Engineering

STUDENT ACHIEVEMENTS

Goldwater Scholars 2026: Jessica Slaughter and Amir Walton-Irvin

Best Hardware Demo at HOST 2026: Javad Bahrami, Hasin Ishraq Reefat, Hossein Pourmehrani, Mohammad Ebrahimabadi, and Trevor Kroeger

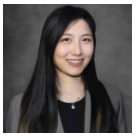
Best Paper Award at CSCW 2026: Md Nazmus Saki and Naga Manogna Rayasam

Best Artifact Award at PerCom 2025: Christian Badolato, Kaur Kullman, and Manav Bhatt

7 NEW FACULTY



Mehdi Kiani
Professor
Biomedical ICs



Yiwen Hu
Assistant Professor
Network Security



Robert Joyce
Assistant Teaching Professor
Data science



Michael J. Miller
Assistant Teaching Professor
Formal reasoning



Mark Woodcock
Assistant Teaching Professor
Limitations of AI



Zelalem J. Yalew
Assistant Teaching Professor
Networks and IoT



Clement Fung
Assistant Professor
Security and CPS